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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,413	08/28/2003	Takehiro Onomatsu	04536.022001	6565
22511	7590	10/10/2006	EXAMINER	
OSHA LIANG L.L.P. 1221 MCKINNEY STREET SUITE 2800 HOUSTON, TX 77010			MONTAYA, OSCHTA I	
			ART UNIT	PAPER NUMBER
			2635	

DATE MAILED: 10/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/650,413	ONOMATSU, TAKEHIRO	
	Examiner	Art Unit	
	Oshta Montoya	2635	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 3, 4, 6, 8, 10, and 12 rejected under 35 U.S.C. 102(b) as being anticipated by Lawler et al. US 5,907,323.

Re claim 1, Lawler et al. teaches a broadcast reception device (col. 4, lines 33-35, figs. 1 and 2) comprising: reception means for receiving a broadcast signal (col. 4, lines 36-38, figs. 1 and 2); and time information acquisition means for performing an operation searching for and acquiring time information for counting a current time (col. 4, lines 59-64, fig. 3A and 3B), said time information acquisition means including: signal extraction means extracting from the broadcast signal received by said reception means a broadcast signal corresponding to a designated channel (col. 4, lines 42-48, figs. 1 and 2); and search means searching for said time information from the broadcast signal extracted by said signal extraction means (col. 5, lines 62-65, figs. 3A and 3B), wherein whenever a desired channel is designated said time information acquisition means cancels the acquisition operation currently performed and performs the acquisition operation with respect to said desired channel currently designated (col. 4, lines 54-58).

Re claim 3, the broadcast reception device of claim 1, further comprising channel designation means for designating said desired channel via an external operation (col.5, lines 24-30, fig. 4).

Re claim 4, the broadcast reception device of claim 3, wherein said channel designation means includes means for selecting and designating said desired channel from a channel group allowing a corresponding broadcast signal to be received by said reception means (col. 5, lines 12-14, figs. 3A and 3B).

Re claim 6, the broadcast reception device of claim 4, wherein said channel designation means further includes channel list display means displaying said channel group in a list (col. 5, lines 17-23, figs. 3A and 3B).

Re claim 8, the broadcast reception device of claim 3, wherein said channel designation means includes means for selecting and designating said desired channel from a channel group with a corresponding broadcast signal transmitted thereon (col. 5, lines 12-14, figs. 3A and 3B).

Re claim 10, the broadcast reception device of claim 8, wherein said channel designation means further includes channel list display means displaying said channel group in a list (col. 5, lines 17-23, figs. 3A and 3B).

Re claim 12, the broadcast reception device of claim 3, wherein said channel designation means includes means for directly designating said desired channel (col. 4, lines 54-58).

Re claim 15, a broadcast reception method comprising the steps of: receiving a broadcast signal (col. 4, lines 36-38, figs. 1 and 2); and acquiring time information,

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performing an operation searching for and acquiring time information for counting a current time (col. 4, lines 59-64, fig. 3A and 3B), the step of acquiring including the steps of: extracting a broadcast signal corresponding to a designated channel from a broadcast signal received at the step of receiving (col. 4, lines 42-48, figs. 1 and 2); and searching for said time information from a broadcast signal extracted at the step of extracting (col. 5, lines 62-65, figs. 3A and 3B), wherein whenever a desired channel is designated the step of acquiring cancels the acquisition operation currently performed and performs the acquisition operation with respect to said desired channel currently designated (col. 4, lines 54-58).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2, 5, 7, 9, 11, 13, and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lawler et al. US 5,907,323 as applied to claims 1 and 3 above, and further in view of Amano et al. US 4,620,229.

Re claims 2, 5, 7, 9, 11, 13, and 14, Lawler et al. teaches the broadcast reception device of claims 1 and 3. However, Lawler et al. fails to teach further comprising processing means started when a decision to acquire time information is not indicated with respect to a search performed on said desired channel by said search means for

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said time information **(in other words turning on the TV)**, wherein said processing means designates a channel unsearched by said search means for said time information and causes said time information acquisition means to perform the acquisition operation **(in other words channel that comes on when TV is first turn on)**.

Amano et al. teaches when the power to the television receiver is switched on, operation begins in step "a" (fig. 3) which corresponds to a first mode of operation and the normal television picture is display (col. 5, lines 36-39). Because the display device has multiple display modes, the above-mentioned feature enables a main picture associated with a particular display mode to also be displayed when the display device is turned on.

Therefore, taking the combined teaching of Lawler et al. and Amano et al. as a whole, it would have been obvious to one of ordinary skill in the art to modify Lawler et al so that the broadcast reception device can display a channel when the television is first turned. Thus, the associated main picture to a selected display mode is also displayed.

Contact

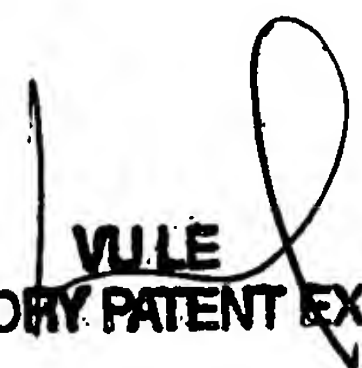
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Oshta Montoya whose telephone number is (571) 270-1192. The examiner can normally be reached on Monday/Friday 7:30 to 5:00 off every other Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vu Le can be reached on (571) 272-7332. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Oshta Montoya/


VULE
SUPERVISORY PATENT EXAMINER